

## Collaborating with Cochrane

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Hugh McGuire, Ella Fields & Rachel Marshall

# G.I.N. 2011

Seoul Aug 30<sup>th</sup>

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### BACKGROUND:

In NICE (UK) guidelines, we are looking to include more Cochrane reviews in clinical guidelines.

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Frequency distribution of Cochrane Review citations in NICE clinical guidelines

Number of citations of Cochrane Reviews	Number of guidelines	Percentage
0	20	18.9
1 to 5	45	42.5
6 to 10	19	17.9
11 to 15	9	8.5
16 to 20	4	3.8
21 to 25	2	1.9
26 to 30	3	2.8
31 to 35	0	0.0
36 to 40	3	2.8
41 to 45	1	0.9

Alderson P, Tan T. Use of Cochrane Reviews in NICE clinical guidelines [editorial]. *The Cochrane Library* 2011 (10 Aug). <http://www.thecochranelibrary.com/details/editorial/1312103/The-use-of-Cochrane-Reviews-in-NICE-clinical-guidelines.html> (accessed 29/8/2011).

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## •Cochrane Reviews along with Guidelines – Analysis of the benefit for the user




•Seoul, August 29, 2011

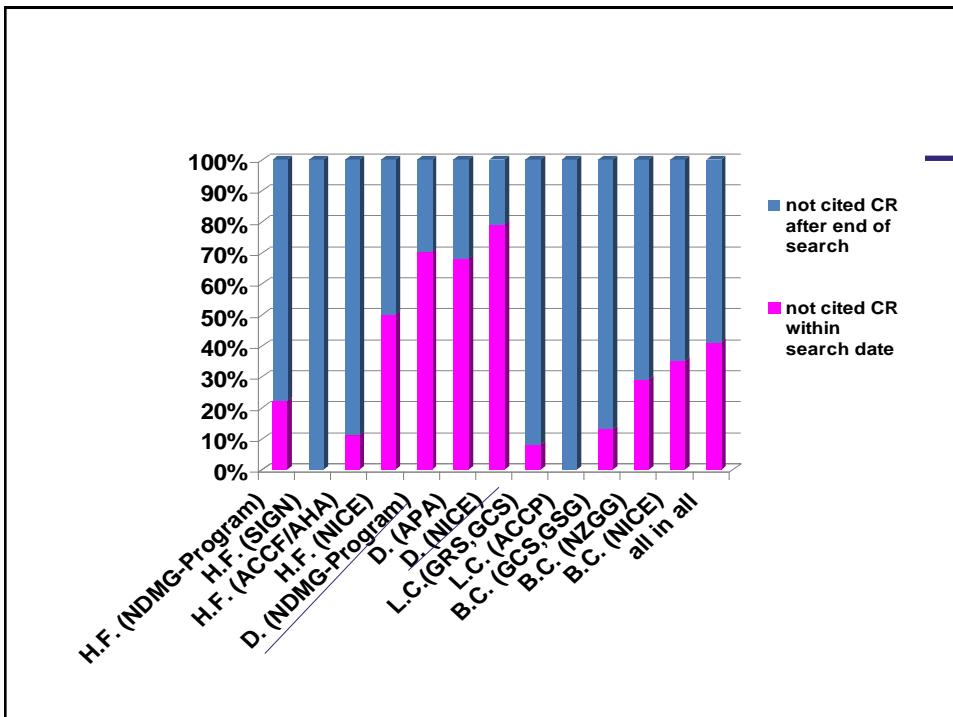
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Guidelines	Publication date / End of the validity	End date of guideline literature search	Cochrane Reviews published after end date of guideline search (%)
<b>Chronic heart failure:</b> <ul style="list-style-type: none"> <li>▪ SIGN</li> <li>▪ ACCF/AHA</li> <li>▪ NDMG-Program</li> <li>▪ NICE</li> </ul>	2007/2012 2009/2014 2009/2013 2010/2015	2005 12/2007 07/2008 10/2009	100% 80% 70% 50% 
<b>Depression:</b> <ul style="list-style-type: none"> <li>▪ NDMG-Program</li> <li>▪ NICE</li> <li>▪ APA</li> </ul>	2009/2013 2010/2015 2010/2015	06/2009 12/2009 05/2009	31% 20% 26%
<b>Lung Cancer:</b> <ul style="list-style-type: none"> <li>▪ ACCP</li> <li>▪ GRS/GCS</li> </ul>	2007/2011 2010/2015	09/2005 12/2006	100% 80%
<b>Breast Cancer:</b> <ul style="list-style-type: none"> <li>▪ GCS/GSG</li> <li>▪ NICE</li> <li>▪ NZGG</li> </ul>	2008/2012 2009/2013 2009/2014	12/2006 06/2008 02/2008	80% 60% 60%



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### Cochrane Neonatal Group - documents dealing with Neonatal Jaundice

Chinese herbal medicines for the treatment of neonatal jaundice (protocol stage)

Clofibrate alongside phototherapy for unconjugated neonatal hyperbilirubinaemia (protocol stage)

**Early intravenous nutrition for the prevention of neonatal jaundice**

Exchange transfusion for neonatal jaundice (protocol stage)

**Fibreoptic phototherapy for neonatal jaundice**

High vs low dose conventional phototherapy for neonatal jaundice (protocol stage)

**Immunoglobulin infusion for isoimmune haemolytic jaundice in neonates**

Intermittent phototherapy versus continuous phototherapy for neonatal jaundice (protocol stage)

Light-emitting diode phototherapy for unconjugated hyperbilirubinemia in neonates (protocol stage)

**Metalloporphyrins for treatment of unconjugated hyperbilirubinemia in neonates**

Oral zinc for the prevention of hyperbilirubinemia in neonates (protocol stage)

Prophylactic phototherapy for preventing jaundice in preterm very low birth weight infants (protocol stage)

**Single versus double volume exchange transfusion in jaundiced newborn infants**

(<http://neonatal.cochrane.org> – accessed 7/7/2011)

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### BACKGROUND:

Again in the UK are looking to improve on this.

To do this, we have set up a series of workshops to discuss how best to do this.

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### BACKGROUND:

- 1<sup>st</sup> workshop – with other international guideline developers here at GIN
- 2<sup>nd</sup> workshop – with NICE, NCC's and the Cochrane Collaboration
- 3<sup>rd</sup> workshop – with Cochrane review groups at the Cochrane Colloquium

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### AIM OF THIS WORKSHOP: To identify;

- how other guideline developers are using Cochrane reviews
- ways to increase the use of Cochrane review in clinical guidelines
- feedback for both NICE and Cochrane review groups

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### BACKGROUND:

Reasons we should include Cochrane reviews

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WHY? - To avoid duplication of effort



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WHY? – Benefit to guideline/review users/funders



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WHY? – Reputations

<b>Excellent</b>	<input checked="" type="checkbox"/>
<b>Good</b>	<input type="checkbox"/>
<b>Satisfactory</b>	<input type="checkbox"/>
<b>Poor</b>	<input type="checkbox"/>

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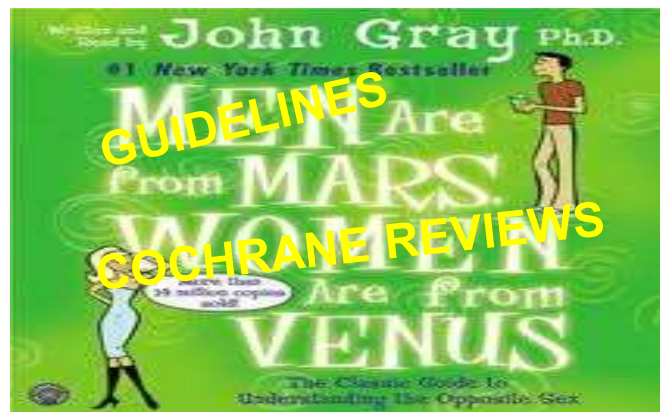
WHY? – Sharing expertise / experiences



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### Cochrane methodology

- Transparency
- Statistical methods

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### Other issues worth thinking about

Scope?

Funding?

Role of national governments/professional  
bodies?

Imbalance of power – who is in charge?

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Group work –  
think about ways that guideline developers  
could make best use of Cochrane reviews

Each group covers a different topic and  
feeds back for a group discussion

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Group work

- Involve Cochrane review group in guideline scoping and development
- Address reasons why Cochrane reviews may not be used in a guideline
- Sharing work – eg reviewing, peer-refereeing

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### Feedback

Involve Cochrane review group in guideline scoping and development

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### Feedback

Address reasons why Cochrane reviews may not be used in a guideline

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Feedback

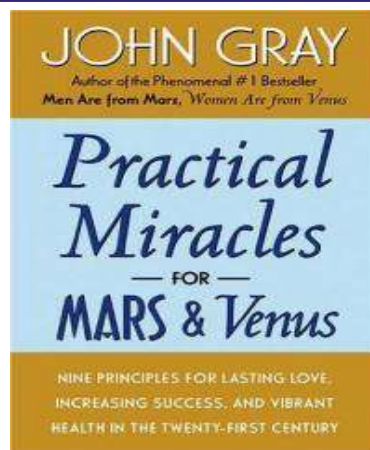
Sharing work – eg reviewing, peer-refereeing

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